

Plant materials and their disposition in the Mixed Borders and the Summer Garden at the Royal Horticultural Society's Garden at Wisley

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英国王立園芸協会ウィズレーガーデンのミクスボーダーと サマーガーデンにおける植物の種類と配置の調査

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Plant material and results

1. Mixed Borders

Plant materials and their disposition in the Mixed Borders, which were commonly called the Herbaceous Borders (Nishimura, 1998), were observed at the Royal Horticultural Society's Garden at Wisley from April to October in 1993.

The Mixed Borders were a double border with a grass walk between them, backed by hornbeam hedges (Fig. 1). They consisted of 6 borders. The length of each border was 27.5m for I and VI, 32.3m for II and V, and 51m for III and IV. The width was 5.5m for I to III and 6.0m for IV to VI. The width of the grass walk was 11m.

There were 510 species or varieties of perennials, bulbs and shrubs in the Mixed Borders (Fig. 2-7, Table 1). The flowering time of these plants was reported previously (Nishimura, 1998).

2. Summer Garden

Plant materials and their disposition in the Mixed Beds in the Summer Garden were observed. The Summer Garden was 62m long and 35m wide, surrounded by hornbeam hedges with 8 mixed beds placed in the garden (Fig. 8). There were 331 species or varieties of perennials, bulbs and shrubs in the Mixed Beds (Fig. 9-16, Table 2).

The Summer Garden was replaced by a Mediterranean garden designed by Ms. Penelope Hobhouse in 1997. We cannot see the Summer Garden any more. I hope this report offers a good memory to the people who loved the Summer Garden.

Plant names were confirmed by 'The RHS Plant Finder 2000-2001. D.K.' The author thanks Mr. Andy Hart, the former Supervisor of the Floral Department at the Royal Horticultural Society's Garden at Wisley.

References

- Nishimura, Goro 1998. Study on flowering period of the plants in a herbaceous border at the Royal Horticultural Society's Garden at Wisley. *Bul. Keisen Jogakuen College*. Vol. 29 : 33-48.

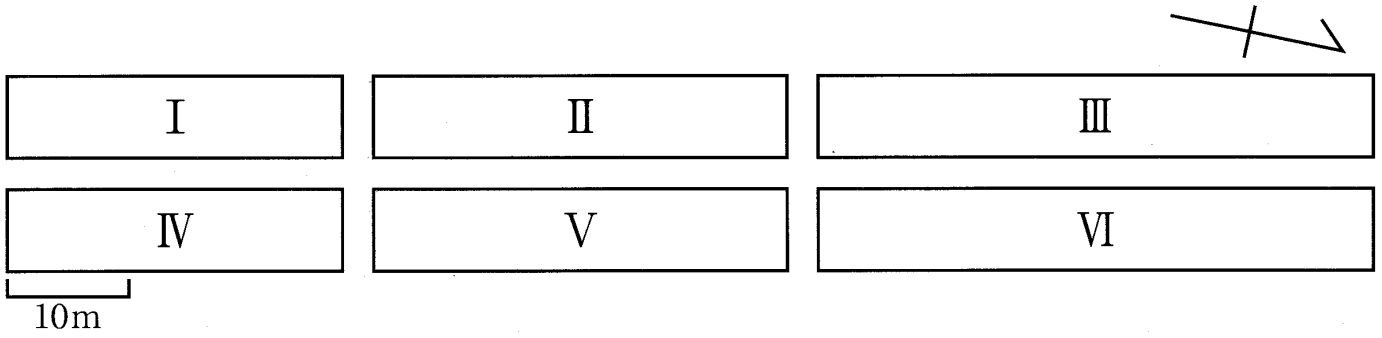


Fig. 1 A map of the Mixed Borders I-VI at Wisley in 1993

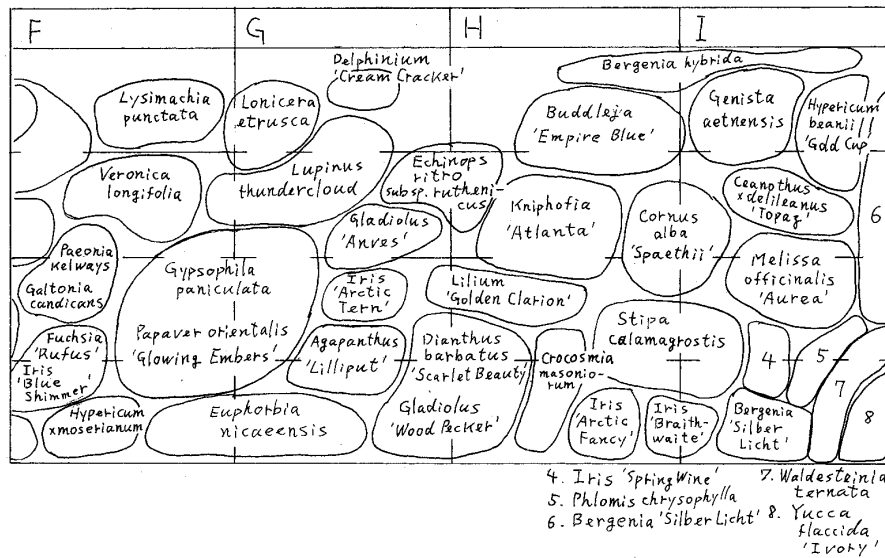
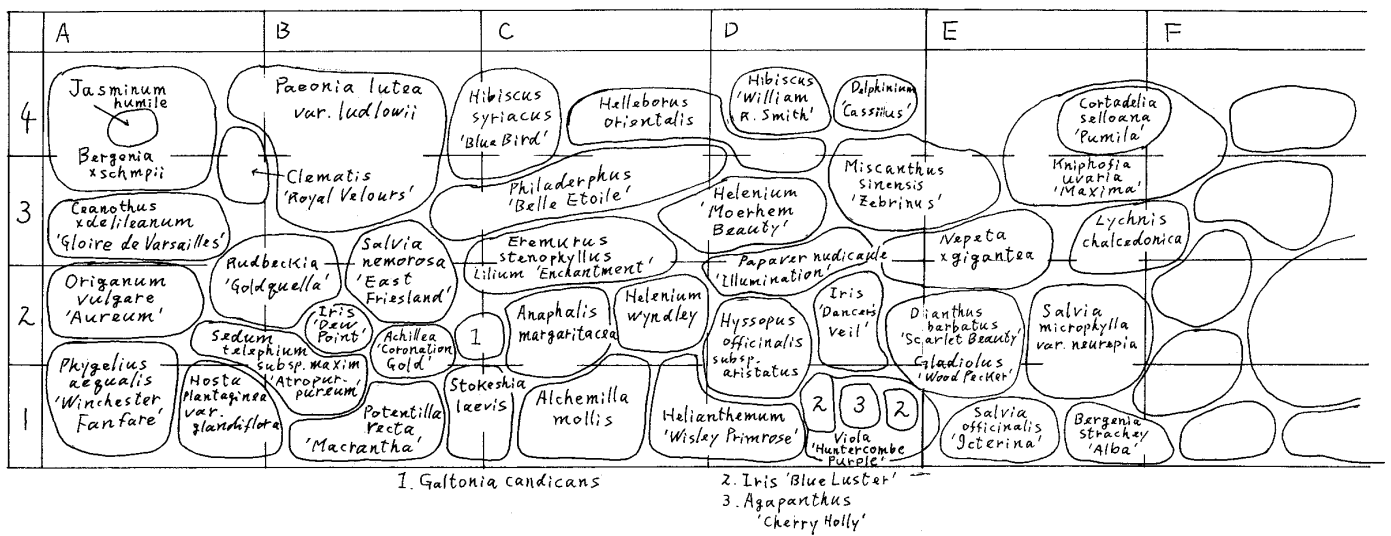
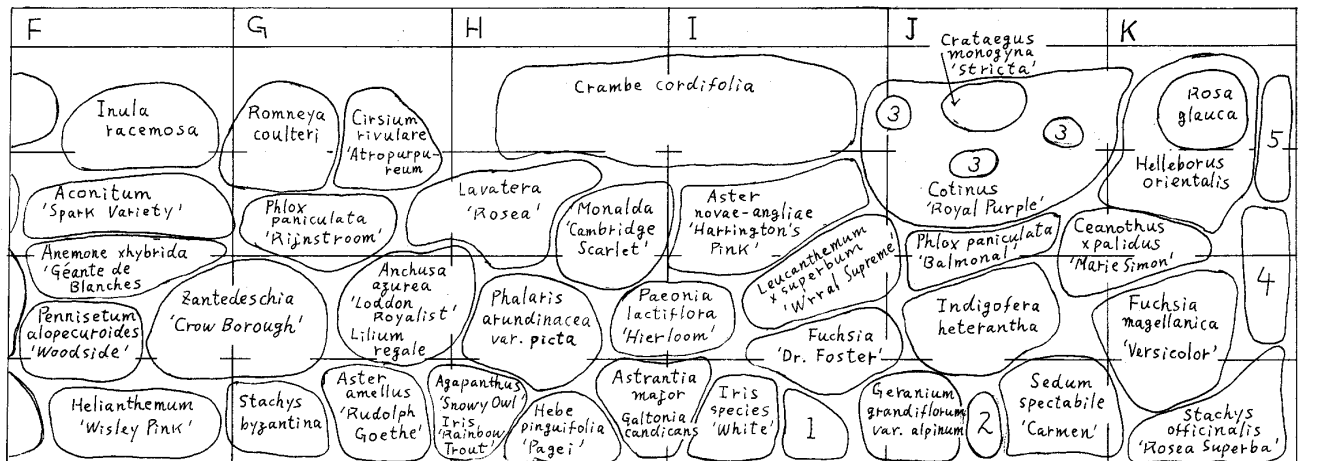
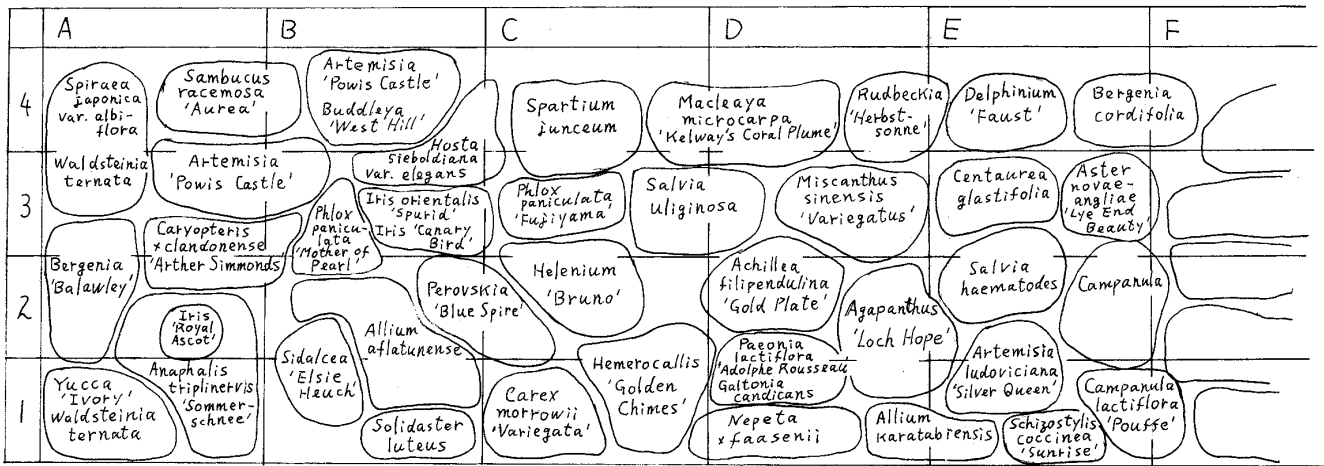
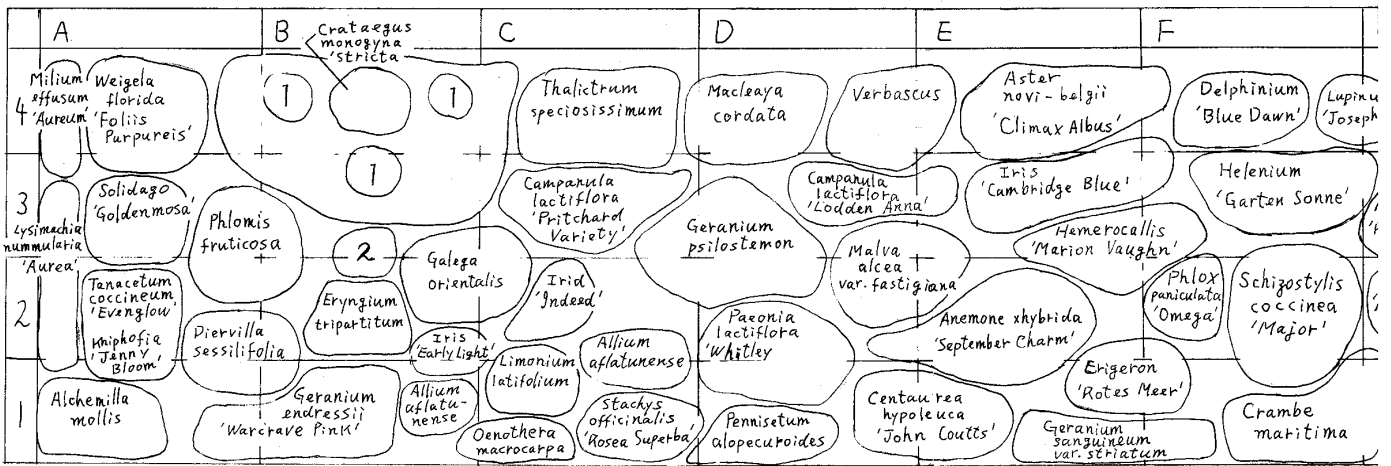


Fig. 2 The Mixed Border I

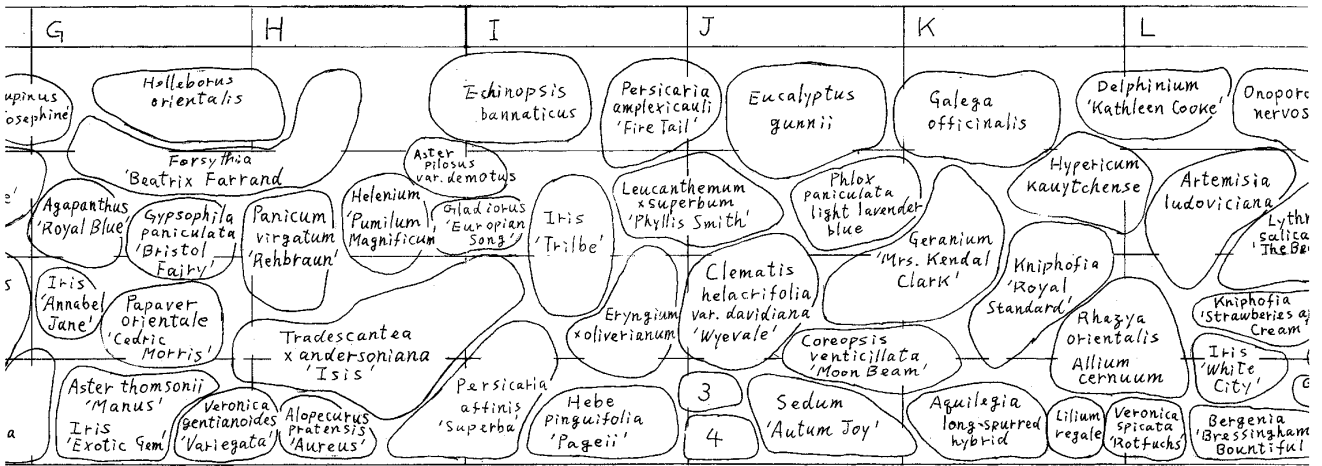


- 1. Tanacetum coccineum 'Eileen May Robinson'
- 2. Iris 'First Lilac'
- 3. Arundo donax
- 4. Ajuga reptans 'Catlin's Giant'
- 5. Viola labradorica purpurea

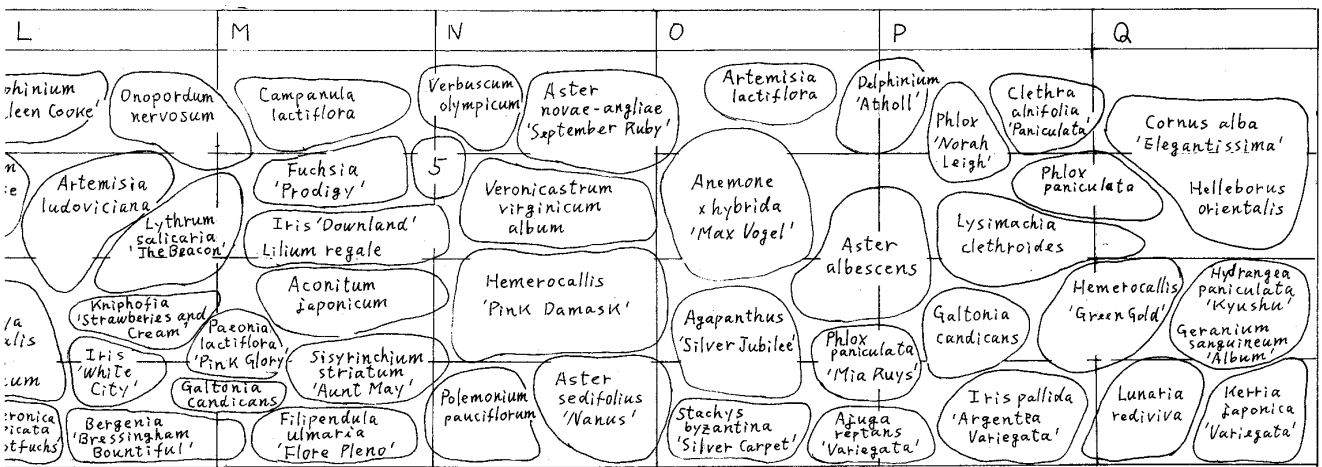
Fig. 3 The Mixed Border II



- 1. *Arundo donax*
- 2. *Cotinus coggygria* 'Royal Purple'

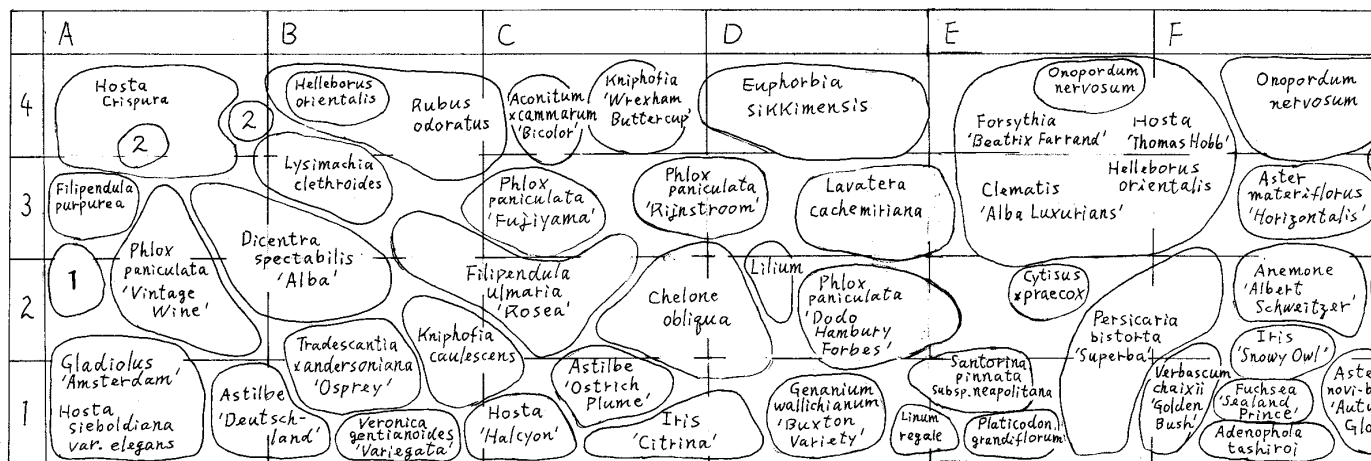


- 3. *Kniphofia galpinii*
- 4. *Aurinia saxatilis* 'Goldkugel'

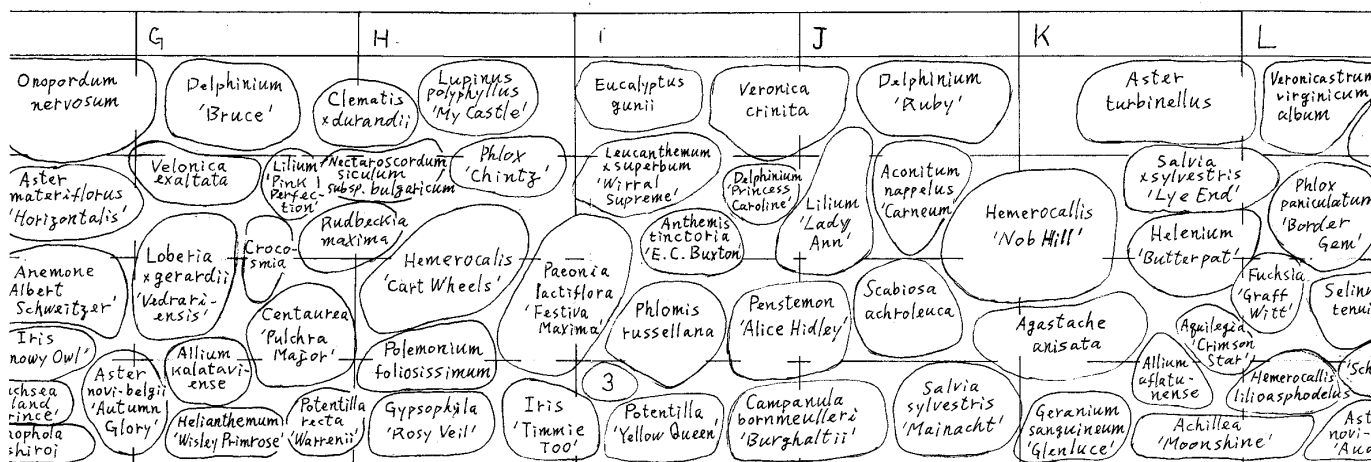


- 5. *Lupinus polyphyllus* 'Lilac Time'

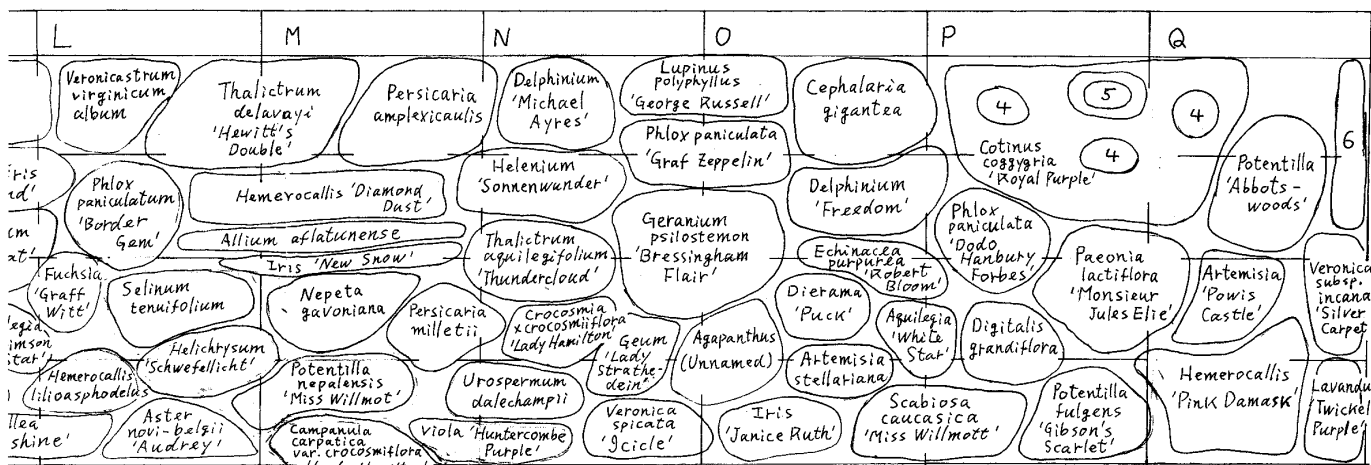
Fig. 4 The Mixed Border III



1. *Deutzia setchuensis* var. *corymbiflora*
 2. *Ligustrum sinense* 'Variegatum'



3. *Agapanthus* 'Lilliput'



4. *Crataegus mongyna* 'stricta'
 5. *Arundo donax*

6. *Molinia caerulea* subsp. *caerulea* 'Variegata'

Fig. 5 The Mixed Border IV

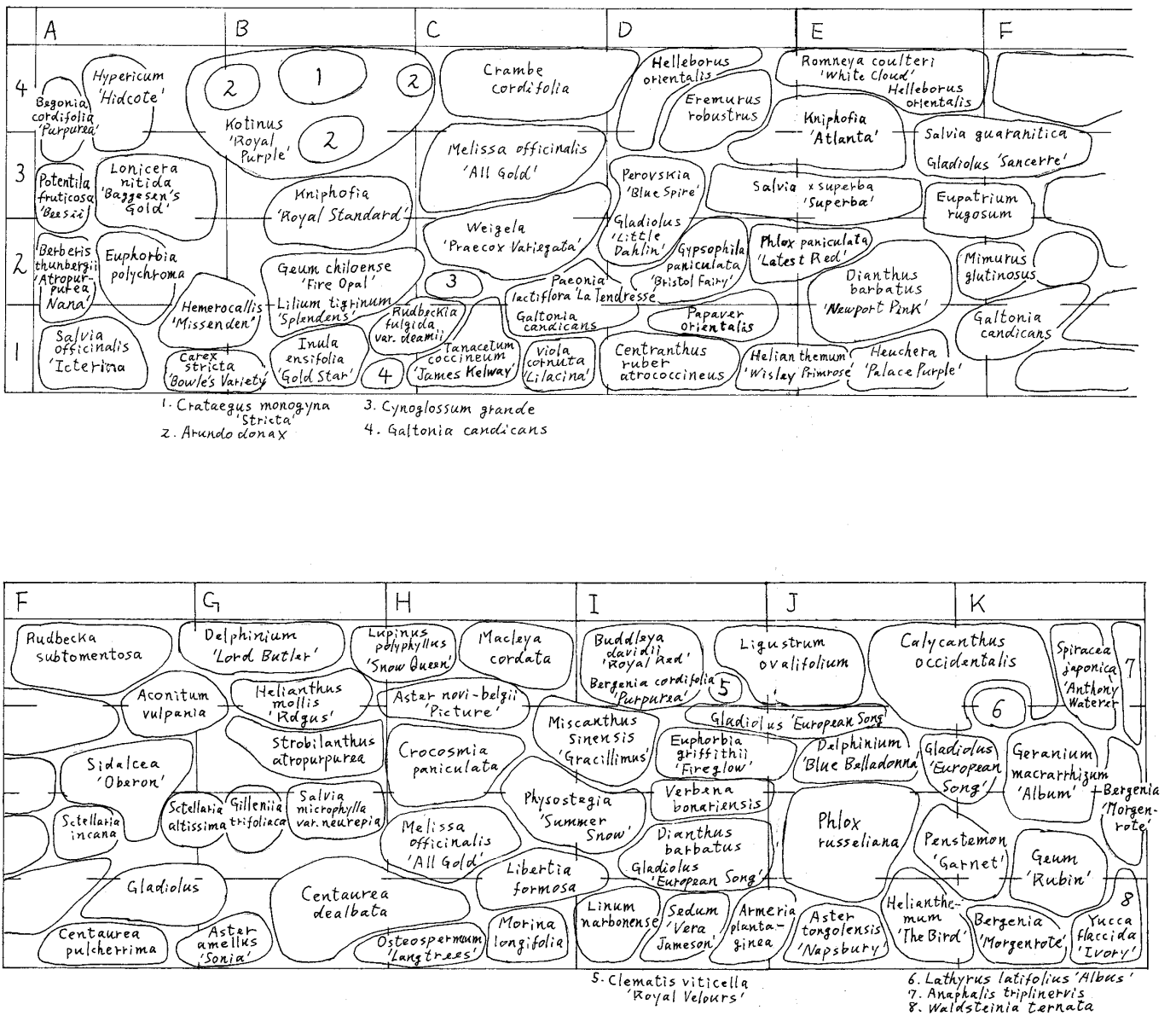


Fig. 6 The Mixed Border V

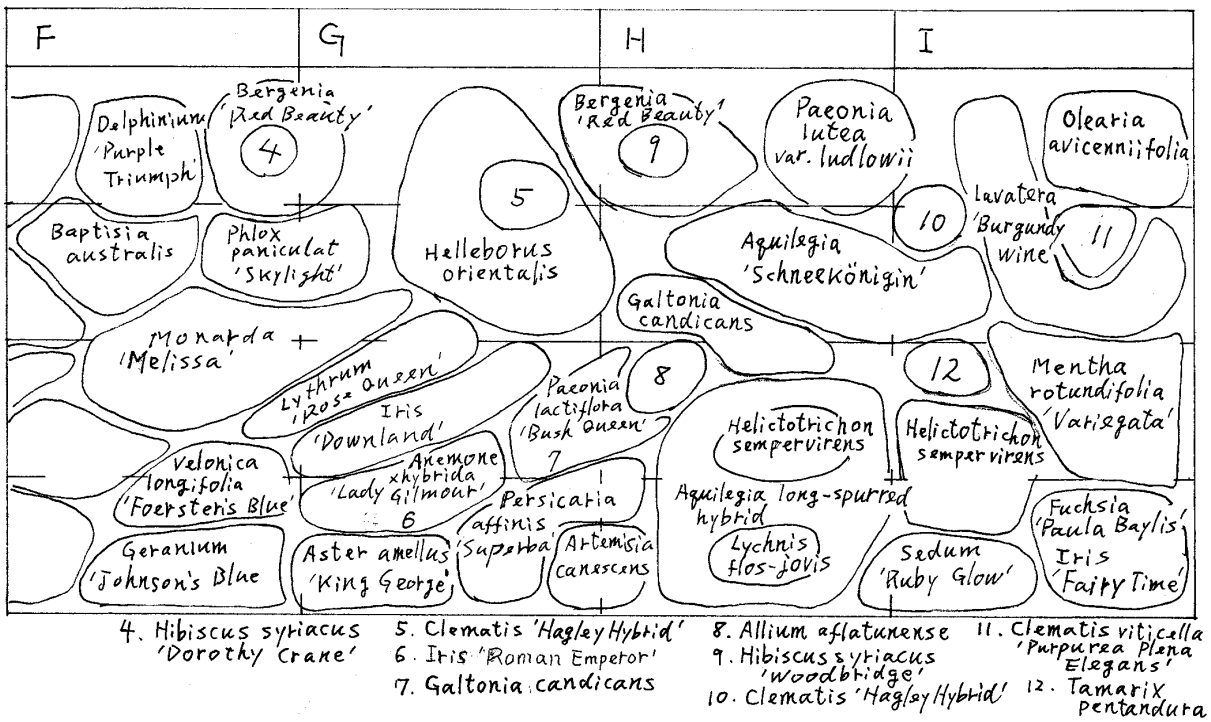
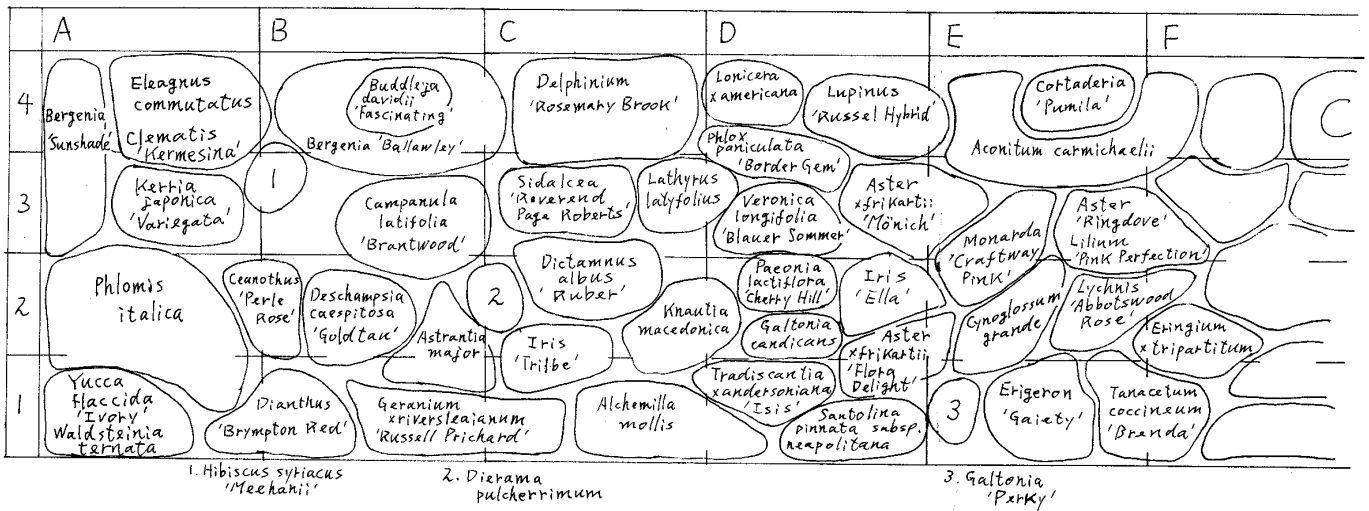


Fig. 7 The Mixed Border VI

Table 1 Plant materials for the Mixed Borders I-VI at Wisley in 1993.

<i>Achillea</i> 'Coronation Gold' I-B-2*	<i>Artemisia ludoviciana</i> III-L-3
<i>Achillea filipendulina</i> 'Gold Plate' II-D-2	<i>Artemisia ludoviciana</i> 'Silver Queen' II-E-1
<i>Achillea</i> 'Moonshine' IV-K-1	<i>Artemisia stelleriana</i> IV-O-1
<i>Aconitum</i> × <i>cammarum</i> 'Bicolor' IV-C-3	<i>Arundo donax</i> II-J-4 : III-B-4 : IV-P-4 : V-B-4
<i>Aconitum carmichaelii</i> IV-E-4	<i>Aster albescens</i> III-O-2
<i>Aconitum japonicum</i> III-M-2	<i>Aster amellus</i> 'King George' VI-G-1
<i>Aconitum nappelus</i> 'Carneum' IV-J-3	<i>Aster amellus</i> 'Rudolph Goethe' II-G-1
<i>Aconitum</i> 'Spark's Variety' II-F-3	<i>Aster amellus</i> 'Sonia' V-G-1
<i>Aconitum vulparia</i> V-F-3, 4	<i>Aster</i> × <i>frikartii</i> 'Flora's Delight' VI-D-1, 2
<i>Adenophora tashiroi</i> IV-F-1	<i>Aster</i> × <i>frikartii</i> 'Mönch' VI-D-3
<i>Agapanthus</i> 'Cherry Holley' I-D-1	<i>Aster lateriflorus</i> 'Horizontalis' IV-F-2, 3
<i>Agapanthus</i> 'Lilliput' I-G-1 : V-H-1	<i>Aster novae-angliae</i> 'Harrington's Pink' II-I-3
<i>Agapanthus</i> 'Loch Hope' II-D-2	<i>Aster novae-angliae</i> 'Lye End Beauty' II-E-3
<i>Agapanthus</i> 'Royal Blue' III-G-2	<i>Aster novae-angliae</i> 'September Ruby' III-N-4
<i>Agapanthus</i> 'Silver Jubilee' III-O-2	<i>Aster novi-belgii</i> 'Audrey' IV-L-1
<i>Agapanthus</i> 'Snow Owl' II-H-1	<i>Aster novi-belgii</i> 'Autum Glory' IV-F-1
<i>Agapanthus</i> (Unnamed) IV-O-1, 2	<i>Aster novi-belgii</i> 'Climax Albus' III-E-4
<i>Agastache anisata</i> IV-K-2	<i>Aster novi-belgii</i> 'Picture' V-H-3, 4
<i>Ajuga reptans</i> 'Catlin's Giant' II-K-2	<i>Aster pilosus</i> var. <i>demotus</i> III-H-3
<i>Ajuga reptans</i> 'Variegata' III-O-1	<i>Aster</i> 'Ringdove' VI-E-3
<i>Alchemilla mollis</i> I-C-1 : III-A-1 : VI-C-1	<i>Aster sedifolius</i> 'Nanus' III-N-1
<i>Allium aflatunense</i> II-B-1 : III-B-1 : C-1, 2 : IV-M-3 : VI-H-2	<i>Aster thomsonii</i> 'Nanus' III-G-1
<i>Allium bulgaricum</i> IV-G-3	<i>Aster tongolensis</i> 'Napsbury' V-J-1
<i>Allium cernuum</i> III-L-2	<i>Aster turbinellus</i> IV-K-4
<i>Allium karataviense</i> II-D, E-1 : IV-F-1	<i>Astilbe</i> 'Deutschland' IV-A-1
<i>Alopecurus pratensis</i> 'Aureus' III-H-1	<i>Astilbe</i> 'Ostrich Plume' IV-C-1
<i>Anaphalis margaritacea</i> I-C-2	<i>Astrantia major</i> II-H-1 : VI-B-2
<i>Anaphalis triplinervis</i> V-K-4	<i>Aurinia saxatilis</i> 'Goldkugel' III-J-1
<i>Anaphalis triplinervis</i> 'Sommerschnee' II-A-1, 2	<i>Baptisia australis</i> VI-F-3
<i>Anchusa azurea</i> 'Loddon Royalist' II-G-2	<i>Berberis thunbergii</i> 'Atropurpurea Nana' V-A-2
<i>Anemone</i> 'Albert Schweitzer' IV-F-2	<i>Bergenia</i> 'Ballawley' II-A-2 : VI-B-4
<i>Anemone</i> × <i>hybrida</i> 'Géante des Blanches' II-F-2	<i>Bergenia</i> 'Bressingham Bountiful' III-L-1
<i>Anemone hybrida</i> 'Lady Gilmour' VI-G-1, 2	<i>Bergenia cordifolia</i> II-E-4
<i>Anemone</i> × <i>hybrida</i> 'Max Vogel' III-O-3	<i>Bergenia cordifolia</i> 'Purpurea' V-A-4 : V-I-4
<i>Anemone</i> × <i>hybrida</i> 'September Charm' III-E-2	<i>Bergenia hybrida</i> I-I-4
<i>Anthemis tinctoria</i> 'E.C. Buxton' IV-I-3	<i>Bergenia</i> 'Morgenröte' V-K-1, 2, 3
<i>Aquilegia</i> 'Crimson Star' IV-K-1, 2	<i>Bergenia</i> 'Red Beauty' VI-F-4 : VI-H-4
<i>Aquilegia long-spurred hybrid</i> III-K-1 : VI-H-1, 2	<i>Bergenia</i> × <i>schmidtii</i> I-A-4
<i>Aquilegia</i> 'Schneekönigin' VI-H-3	<i>Bergenia</i> 'Silberlicht' I-I-1, 2, 3, 4
<i>Aquilegia</i> 'White Star' IV-O-3	<i>Bergenia stracheyi</i> 'Alba' I-E-1
<i>Armeria plantaginea</i> V-I-1	<i>Bergenia</i> 'Sunshade' VI-A-1
<i>Artemisia canescens</i> VI-G-1	<i>Buddleja davidii</i> 'Empire Blue' I-H-4
<i>Artemisia lactiflora</i> III-O-4	<i>Buddleja davidii</i> 'Fascinating' VI-B-4
	<i>Buddleja davidii</i> 'Royal Red' V-I-4

- Buddleja* 'West Hill' II-B-4
Calycanthus occidentalis V-K-4
Campanula II-E-2
Campanula bornmuelleri 'Burghaltii' IV-J-1
Campanula carpatica var. *turbinata* 'Isabel'
 IV-M-1
Campanula lactiflora III-M-4
Campanula lactifolia 'Lodonn Anna' III-D-3
Campanula lactiflora 'Pouffe' II-E-1
Campanula lactiflora 'Prichard's Variety' III-C-3
Campanula latifolia 'Brantwood' VI-B-3
Carex morrowii 'Variegata' II-C-1
Carex striata 'Bowles' Variety' V-A-1
Caryopteris × *clandonensis* 'Arthur Simmonds'
 II-A-3
Ceanothus × *delileanus* 'Gloire de Versailles'
 I-A-3
Ceanothus × *delileanus* 'Topaze' I-I-3
Ceanothus × *pallidus* 'Marie Simon' II-K-3
Ceanothus × *pallidus* 'Perle Rose' VI-A-2, 3
Centaurea dealbata V-G-1
Centaurea glastifolia I-E-3
Centaurea hypoleuca 'John Coutts' III-E-1
Centaurea pulcherrima V-F-1
Centaurea 'Pulchra Major' IV-G-1, 2
Centranthus ruber atrococcineus V-D-1
Cephalaria gigantea IV-O-4
Chelone obliqua IV-C-2
Cirsium rivulare 'Atropurpureum' II-G-4
Clematis 'Alba Luxurians' IV-E-3
Clematis × *durandii* IV-H-4
Clematis 'Hargley' VI-G-4 : VI-I-3
Clematis heracleifolia var. *davidiana* 'Wyevale'
 III-J-2
Clematis 'Kermesina' VI-A-4
Clematis 'Royal Velours' I-A-3 : V-I-4
Clematis viticella 'Purpurea Plena Elegans'
 VI-I-3
Clethra alnifolia 'Paniculata' III-P-4
Coreopsis verticillata 'Moonbeam' III-J-12
Cornus alba 'Apaethii' I-I-6
Cornus alba 'Elegantissima' III-Q-4
Cortaderia selloana 'Pumila' I-E-4, VI-E-4
Cotinus coggygria 'Royal Purple' II-J-3 : III-B-2 : IV-P-3, 4 : V-A-3, 4 : V-B-4
Crambe cordifolia II-H, I-4 : V-C-4
Crambe maritima III-F-1
Crataegus monogyna 'Stricta' II-J-4 : III-B-4 : IV-P-4 : V-B-4
Crococsmia III-I-2 : IV-G-2
Crococsmia × *crococsmiiflora* 'Lady Hamilton' IV-N-2
Crococsmia masoniorum I-H-1, 2
Crococsmia paniculate V-H-3
Cynoglossum grande V-C-2 : VI-E-2
Cytisus × *praecox* IV-E-2
Delphinium 'Atholl' III-O-4
Delphinium 'Blue Belladonna' V-J-3
Delphinium 'Blue Dawn' III-F-4
Delphinium 'Bruce' IV-G-4
Delphinium 'Cassius' I-D-4
Delphinium 'Cream Cracker' I-G-4
Delphinium 'Faust' II-E-4
Delphinium 'Freedom' IV-O-3
Delphinium 'Kathleen Cooke' III-L-4
Delphinium 'Lord Butler' V-G-4
Delphinium 'Michael Ayres' IV-N-4
Delphinium 'Princess Caroline' IV-G-4 : IV-I, J-3
Delphinium 'Purple Triumph' VI-F-4
Delphinium 'Rosemary Brock' VI-C-4
Delphinium 'Ruby' IV-J-4
Deschampsia cespitosa 'Goldtau' VI-B-2
Deutzia setchuenensis var. *corymbiflora* IV-A-2
Dianthus barbatus V-I-2
Dianthus barbatus 'Newport Pink' V-E-1, 2
Dianthus barbatus 'Scarlet Beauty' I-E-2 : I-G-1
Dianthus 'Bryptom Red' VI-B-1
Dicentra spectabilis 'Alba' IV-B-2, 3
Dictamus albus 'Ruber' VI-C-2
Dierama 'Puck' IV-O-2
Dierama pulcherrimum VI-C-2
Diervilla sessilifolia III-A-1
Digitalis grandiflora IV-P-1, 2
Echinacea purpurea 'Robert Bloom' IV-O-2
Echinops bannaticus III-I-4
Echinops ritro subsp. *ruthenicus* I-G-3
Elaeagnus commutata VI-A-4
Eremurus robustus V-D-4

- Eremurus stenophyllus* I-C-3
Erigeron 'Gaiety' VI-E-1
Erigeron 'Rotes Meer' III-E-1
Eryngium × *oliverianum* III-I-2
Eryngium × *tripartitum* III-B-2 : VI-F-2
Eucalyptus gunnii III-J-4 : IV-I-4
Eupatorium rugosum V-E-3
Euphorbia griffithii 'Fireglow' V-I-3
Euphorbia nicaeensis I-G-1
Euphorbia polychroma V-A-2
Euphorbia sikkimensis IV-D-4
Filipendula purpurea IV-A-3
Filipendula ulmaria 'Flore Pleno' III-M-1
Filipendula ulmaria 'Rosea' IV-C-2
Forsythia 'Beatrix Farrand' III-G-3,4 : IV-E-3, 4
Fuchsia 'Doctor Foster' II-I-2
Fuchsia 'Graf Witte' IV-L-2
Fuchsia magellanica 'Versicolor' II-K-2
Fuchsia 'Paula Baylis' VI-I-1
Fuchsia 'Prodigy' III-M-2
Fuchsia 'Rufus' I-F-2
Fuchsia 'Sealand Prince' IV-F-2
Galega officinalis III-K-4
Galega orientalis III-B-2
Galtonia candicans I-B : I-F-2 : II-H-1 : III-D-2
: III-L-1 : III-P-2 : V-C-1, 2 : V-F-1 : VI-H-2, 3
Genista aetnensis I-I-4
Geranium endressii 'Warcrava Pink' III-B-1
Geranium grandiflorum var. *alpinum* II-J-1
Geranium 'Johnson's Blue' VI-F-1
Geranium macrorrhizum 'Album' V-K-3
Geranium pratense 'Mrs Kendall Clark' III-K-23
Geranium psilostemon III-D-3
Geranium psilostemon 'Bressingham Flair'
IV-N-3
Geranium × *riversleaianum* 'Russell Prichard'
VI-B-1
Geranium sanguineum 'Album' III-Q-2
Geranium sanguineum 'Glenluce' IV-K-1
Geranium sanguineum var. *striatum* III-E-1
Geranium wallichianum 'Buxton's Variety'
Geum chiloense 'Fire Opal' V-B-2
Geum 'Lady Stratheden' IV-N-1, 2
Geum 'Rubin' V-K-1, 2
Gillenia trifoliata V-G-2
Gladiolus V-F-1, 2
Gladiolus 'Amsterdam' IV-A-1
Gladiolus 'Anves' I-G-3
Gladiolus 'European Song' III-H-3 : V-I-2 : V-
J-3 : V-K-3
Gladiolus 'Little Dahlin' V-D-2
Gladiolus 'Perky' VI-E-2
Gladiolus 'Sancerre' V-F-3
Gladiolus 'Wood Pecker' I-E-2 : I-G-1
Gypsophila paniculate I-F-2
Gypsophila paniculata 'Bristol Fairy' III-G-2 :
V-D-2
Gypsophila 'Rosy Veil' IV-H-1
Hebe pinguifolia 'Pagei' II-H-1 : III-I-1
Helenium 'Bruno' II-C-2
Helenium 'Butterpat' aW-K-3
Helenium 'Garten Sonne' III-F-3
Helenium 'Moerheim Beauty' I-D-3
Helenium 'Pumilum Magnificum' III-H-2
Helenium 'Sonnenwunder' IV-N-3
Helenium 'Wydley' I-C-2
Helianthemum 'The Bride' V-J-1
Helianthemum 'Wisley Pink' II-F-1
Helianthemum 'Wisley Primrose' I-D-1 : IV-
G-1 : V-D-1
Helianthus mollis 'Rdgs' V-G-3, 4
Helichrysum 'Schwefellicht' IV-L-1, 2
Helictotrichon sempervirens VI-H-1, 2
Helleborus orientalis I-C, D-4 : II-K-4 : III-G-4
: III-Q-3 : IV-B-4 : IV-E-3, 4 : V-D-4 : V-E-4 :
VI-G-3, 4
Hemerocallis 'Cartwheels' IV-H-2
Hemerocallis 'Diamond Dust' IV-M-3
Hemerocallis 'Golden Chimes' II-C-1
Hemerocallis 'Green Gold' III-Q-2
Hemerocallis lilioasphodelus IV-L-1
Hemerocallis 'Marion Vaughn' III-E-3
Hemerocallis 'Missenden' V-A-1, 2
Hemerocallis 'Nob Hill' IV-J-2, 3
Hemerocallis 'Pink Damask' III-N-2 : IV-Q-1
Heuchera 'Palace Purple' V-E-1
Hibiscus syriacus 'Blue Bird' I-C-4
Hibiscus syriacus 'Dorothy Crane' VI-F-4
Hibiscus syriacus 'Meehanii' VI-B-3
Hibiscus syriacus 'William R. Smith' I-D-4

- Hibiscus syriacus* 'Woodbridge' VI-H-4
Hosta crispula IV-A-4
Hosta 'Halcoin' IV-C-1
Hosta plantaginea var. *grandiflora* I-A-1
Hosta sieboldiana var. *elegans* II-B-3 : IV-A-1
Hosta 'Thomas Hogg' IV-E-4
Hydrangea paniculata 'Kyusyu' III-Q-2
Hypericum beanii 'Gold Cup' I-I-3
Hypericum 'Hidcote' V-A-4
Hypericum kouytchense III-K-4
Hypericum × *moserianum* I-F-1
Hyssopus officinalis subsp. *aristatus* I-D-2
Indigofera heterantha II-J-2
Inula ensifolia 'Gold Star' V-B-I
Inula racemosa II-F-4
Iris 'Annabel Jane' III-G-2
Iris 'Arctic Fancy' I-H-1
Iris 'Blue Luster' I-D-1
Iris 'Blue Shimmer' I-F-1
Iris 'Braithwaite'
Iris 'Cambridge Blue' III-E-3
Iris 'Canary Bird' II-B-3
Iris 'Citrina' IV-C-1
Iris 'Dancers Veil' I-D-2
Iris 'Dew Point' I-B-2
Iris 'Downland' III-M-3 : VI-G-2
Iris 'Early Light' III-B-2
Iris 'Ella' VI-D-2
Iris 'Exotic Gem' III-G-1
Iris 'First Time' VI-I-1
Iris 'First Lilac' II-J-1
Iris 'Indeed' III-C-2
Iris 'Janice Ruth' V-O-1
Iris 'New Snow' IV-M-3
Iris orientalis 'Spurid' II-B-3
Iris pallida 'Argentea Variegata' III-P-1
Iris 'Rainbow Trout' II-H-1
Iris 'Roman Emperor' VI-G-1, 2
Iris 'Royal Ascot' II-A-2
Iris 'Snowy Owl' IV-F-2
Iris species 'White' II-I-1
Iris 'Spring Wine' I-I-1
Iris 'Timmie Too' IV-H-1
Iris 'Trilby' III-I-2, 3 : VI-C-2
Iris 'White City' III-L-2 : IV-F-1
Jasminum humile I-A-4
Kerria japonica 'Variegata' III-Q-1 : VI-A-3
Knautia macedonica VI-C-2
Kniphofia 'Atlanta' I-H-3 : V-E-3
Kniphofia caulescens IV-B-1, 2
Kniphofia galpinii III-J-1
Kniphofia 'Jenny Bloom' III-A-2
Kniphofia 'Royal Standard' III-K-2 : V-B-2, 3
Kniphofia 'Strawberries and Cream' III-L-2
Kniphofia uvaria 'Maxima' I-E-3
Kniphofia 'Wrexham Buttercup' IV-C-4
Lathyrus latifolius VI-C-3
Lathyrus latifolius 'Albus' V-K-3, 4
Lavandula 'Twickel Purple' IV-Q-1
Lavatera 'Burgundy Wine' VI-I-3, 4
Lavatera cachemiriana IV-D-3
Lavatera 'Rosea' II-H-3
Leucanthemum × *superbum* 'Phyllis Smith' III-J-3
Leucanthemum × *superbum* 'Wirral Supereme'
 II-I-2 : IV-I-3
Libertia formosa V-H-1, 2
Ligustrum ovalifolium V-J-4
Ligustrum sinense 'Variegatum' IV-A-4
Lilium IV-D-2
Lilium 'Enchantment' I-C-3
Lilium 'Golden Clarion' I-H-2
Lilium 'Lady Ann' IV-J-3
Lilium 'Pink Perfection' IV-E-3 : VI-E-3
Lilium regale II-G-2 : III-M-3 : IV-D-1
Lilium tigrinum 'Splendens' V-B-2
Limonium latifolium III-C-1
Linum narbonense V-I-1
Lobelia × *gerardii* 'Vedrariensis' IV-G-2
Lonicera × *americana* VI-D-4
Lonicera etrusca I-G-4
Lonicera nitida 'Baggesen's Gold' V-A-3
Lunaria rediviva III-Q-I
Lupinus 'Josephine' III-F-4
Lupinus 'My Castle' IV-H-4
Lupinus polyphyllus 'George Russell' IV-N-4
Lupinus polyphyllus 'Lilac Time' III-M-3
Lupinus polyphyllus 'Snow Queen' V-H-4
Lupinus Russell hybrids VI-D-4
Lupinus 'Thundercloud' I-G-3
Lychnis chalconica I-E-3

- Lychnis coronaria 'Abbotswood Rose' VI-E-2
 Lychnis flos-jovis VI-H-1
 Lysimachia clethroides III-P-2, 3 : IV-B-4
 Lysimachia nummularia 'Aurea' III-A-2, 3
 Lysimachia punctata I-F-4
 Lythrum 'Rose Queen' VI-G-2
 Lythrum salicaria 'The Beacon' III-L-3
 Macleaya cordata III-D-4, V-G-H-4
 Macleaya microcarpa 'Kelway's Coral Plume'
 II-D-4
 Malva alcea var. fastigiata III-D-2, 3
 Melissa officinalis 'All Gold' V-C-3 : V-H-2
 Melissa officinalis 'Aurea' I-I-2
 Mentha rotundifolia 'Variegata' VI-I-2
 Miliium effusum 'Aureum' III-A-4
 Mimulus glutinosus V-F-2
 Miscanthus sinensis 'Gracillimus' V-I-3
 Miscanthus sinensis 'Variegatus' II-D-3
 Miscanthus sinensis 'Zebrinus' I-D-3, 4
 Molinia caerulea subsp. caerulea 'Variegata'
 IV-Q-3, 4
 Monarda 'Cambridge Acarlet' II-H-3
 Monarda 'Croftway Pink' VI-E-2, 3
 Monarda 'Melissa' V-F-2, 3
 Morina longifolia V-H-1
 Nectaroscordum siculum subsp. bulgaricum IV-
 H-3
 Nepeta II-D-1
 Nepeta × gigantea I-E-3
 Nepeta govainiana IV-M-2
 Oenothera missouriensis III-C-1
 Olearia avicenniifolia VI-I-4
 Onopordum nervosum III-L-4 : IV-E, F-4,
 Origanum vulgare 'Aureum' I-A-2
 Osteospermum 'Langtrees' V-H-1
 Paeonia lactiflora 'Adolphe Rousseau' II-D-1
 Paeonia lactiflora 'Blush Queen' VI-G-2
 Paeonia lactiflora 'Cherry Hill' aY-D-2
 Paeonia lactiflora 'Festiva Maxima' IV-H-2
 Paeonia lactiflora 'Heirloom' II-I-2
 Paeonia lactiflora 'Kelway's' I-F-2
 Paeonia lactiflora 'La Tendresse' V-C-2
 Paeonia lactiflora 'Monsieur Jules Elie' IV-P-2
 Paeonia lactiflora 'Whitleyi Major' III-D-2
 Paeonia lutea var. ludlowii I-B-4 : VI-H-4
 Panicum virgatum 'Rehbraun' III-H-2
 Papaver nudicaule 'Illumination' I-D-2
 Papaver orientale V-D-1, 2
 Papaver orientale 'Cedric Morris' III-G-2
 Papaver orientale 'Glowing Embers' I-F-2
 Pennisetum alopecuroides 'Woodside' II-F-2
 Penstemon 'Alice Hindley' IV-I-2
 Penstemon 'Garnet' V-K-2
 Perovskia 'Blue Spire' II-B-2 : V-D-3
 Persicaria affis 'Superba' III-I-1 : VI-G-1
 Persicaria amplexicaulis IV-M-4
 Persicaria amplexicaulis 'Fire Tail' III-I-4
 Persicaria bistorta 'Superba' IV-E-1
 Phalaris arundinacea var. picta II-H-2
 Philadelphus 'Belle Etoile' I-C-3
 Phlomis chrysophylla I-I-2
 Phlomis fruticosa III-A-2, 3
 Phlomis italica VI-A-2
 Phlomis russeliana IV-I-2 : V-J-2
 Phlox paniculata III-P-3
 Phlox paniculata 'Border Gem' IV-L-3 : VI-D-3, 4
 Phlox paniculata 'Chintz' IV-H-4
 Phlox paniculata 'Dodo Hanbury Forbes' IV-
 D-2 : IV-P-3
 Phlox paniculata 'Fujiyama' II-C-3 : IV-C-3
 Phlox paniculata 'Graf Zeppelin' IV-O-4
 Phlox paniculata 'Latest Red' V-E-2
 Phlox paniculata light lavender blue III-J-3
 Phlox paniculata 'Mia Ruys' III-P-12
 Phlox paniculata 'Mother of Pearl' II-B-3
 Phlox paniculata 'Omega' III-F-2
 Phlox paniculata 'Norah Leigh' II-P-4
 Phlox paniculata 'Rijnstroom' II-G-3, IV-D-3
 Phlox paniculata 'Skylight' VI-F-3
 Phlox paniculata 'Vintage Wine' IV-A-2
 Phygelius aequalis 'Winchester Fanfare' I-A-1
 Physostegia 'Summer Snow' V-H-2, 3
 Platycodon grandiflorus IV-E-1
 Polemonium foliosissimum IV-H-1, 2
 Polemonium pauciflorum III-N-1
 Potentilla fruticosa 'Abbotswood' IV-Q-3, 4
 Potentilla fruticosa 'Beesii' V-A-3
 Potentilla fulgens 'Gibson's Scarlet' IV-P-1
 Potentilla recta 'Macrantha' I-B-1
 Potentilla recta 'Warrenii' IV-G-1

- Potentilla* 'Yellow Queen' IV-I-1
Rhazya orientalis III-L-2
Romneya coulteri II-G-4
Romneya coulteri 'White Cloud' V-E-4
Rosa glauca II-K-4
Rubus odoratus IV-B-4
Rudbeckia fulgida var. *deamii* V-C-1
Rudbeckia 'Goldquelle' I-B-2
Rudbeckia 'Herbstsonne' II-D-4
Rudbeckia maxima IV-G-2, 3
Rudbeckia subtomentosa V-F-4
Salvia guaranitica V-F-3
Salvia haematodes II-E-2
Salvia microphylla var. *neurepia* I-E-2 : V-G-2
Salvia nemorosa 'East Friesland' I-B-2
Salvia officinalis 'Icterina' I-E-1 : V-A-1
Salvia × *superba* 'Superba' V-E-3
Salvia × *sylvestris* 'Lye End' IV-K-3
Salvia × *sylvestris* 'Mainacht' IV-J-1
Salvia uliginosa II-C-3
Sambucus racemosa 'Aurea' II-A-4
Santolina pinnata subsp. *neapolitana* IV-E-1 :
 VI-D-1
Scabiosa caucasica 'Miss Willmott' IV-P-1
Scabiosa ochroleuca IV-J-2
Schizostylis coccoinea 'Major' III-F-2
Schizostylis coccinea 'Sunrise' II-E-1
Scutellaria altissima V-F-2
Scutellaria incana V-F-2
Sedum 'Autumn Joy' III-J-1
Sedum 'Ruby Glow' VI-I-1
Sedum spectabile 'Carmen' II-J-1
Sedum telephium subsp. *maximum* 'Atropurpureum'
 I-B-2
Sedum 'Vera Jameson' V-I-1
Selinum tenuifolium IV-L-2
Sidalcea 'Elsie Heugh' II-B-2
Sidalcea 'Oberon' V-F-3
Sidalcea 'Reverend Page Roberts' VI-C-3
Sisyrinchium striatum 'Aunt May' III-M-1
Solidago 'Goldenmosa' III-A-3
 ×*Solidaster luteus* II-B-1
Spartium junceum II-C-4
Spiraea japonica var. *albiflora* II-A-4
Spiraea japonica 'Anthony Waterer' V-K-4
Stachys byzantina II-G-1
Stachys byzantina 'Silver Carpet' III-O-1
Stachys officinalis 'Rosea Superba' II-K-1 : III-C-1
Stipa calamagrostis I-H-2
Stokesia laevis I-B-1
Strobilanthes atropurpurea V-G-3
Tamarix pentandra VI-I-2
Tanacetum coccineum 'Brenda' VI-E-1
Tanacetum coccineum 'Eileen May Robinson'
 II-I-1
Tanacetum coccineum 'Evenglow' III-A-2
Tanacetum coccineum 'James Kelway' V-C-1
Thalictrum aquilegifolium 'Thundercloud' IV-
 N-2, 3
Thalictrum delavayi 'Hewitt's Double' IV-L-4
Thalictrum speciosissimum III-C-4
Tradescantia × *andersoniana* 'Isis' III-H-12 : VI-
 D-1
Tradescantia × *andersoniana* 'Osprey' IV-B-1
Urospermum delachampii IV-N-1
Verbascum III-D-4
Verbascum chaixii 'Golden Bush' IV-F-1, 2
Verbascum olympicum III-N-4
Verbena bonariensis V-I-2, 3
Veronica crinita IV-I-4
Veronica exaltata IV-G-3
Veronica gentianoides 'Variegata' III-G-1 : IV-B-1
Veronica longifolia I-F-3
Veronica longifolia 'Blauer Sommer' VI-D-3
Veronica longifolia 'Foerster's Blue' VI-F-1
Veronica spicata 'Icicle' IV-N-1
Veronica spicata 'Rotfuchs' III-K-1
Veronica spicata susp. *incana* 'Silver Carpet'
 IV-Q-2
Veronicastrum virginicum album III-N-3 : IV-L-4
Viola cornuta 'Lilacina' V-C-1
Viola 'Huntercombe Purple' I-D-1 : IV-N-1
Viola labradorica purpurea II-K-4
Waldsteinia ternata I-I-1 : II-A-1, 3 : V-K-1 :
 VI-A-1
Weigela florida 'Foliis Purpureis' III-A-4
Weigela 'Praecox Variegata' V-C-2
Yucca flaccida 'Ivory' I-I-1 : II-A-1 : V-K-1 :
 VI-A-1
Zantedeschia 'Crowborough' II-G-2

※ The Numbers indicate the disposition in the borders I-VI.

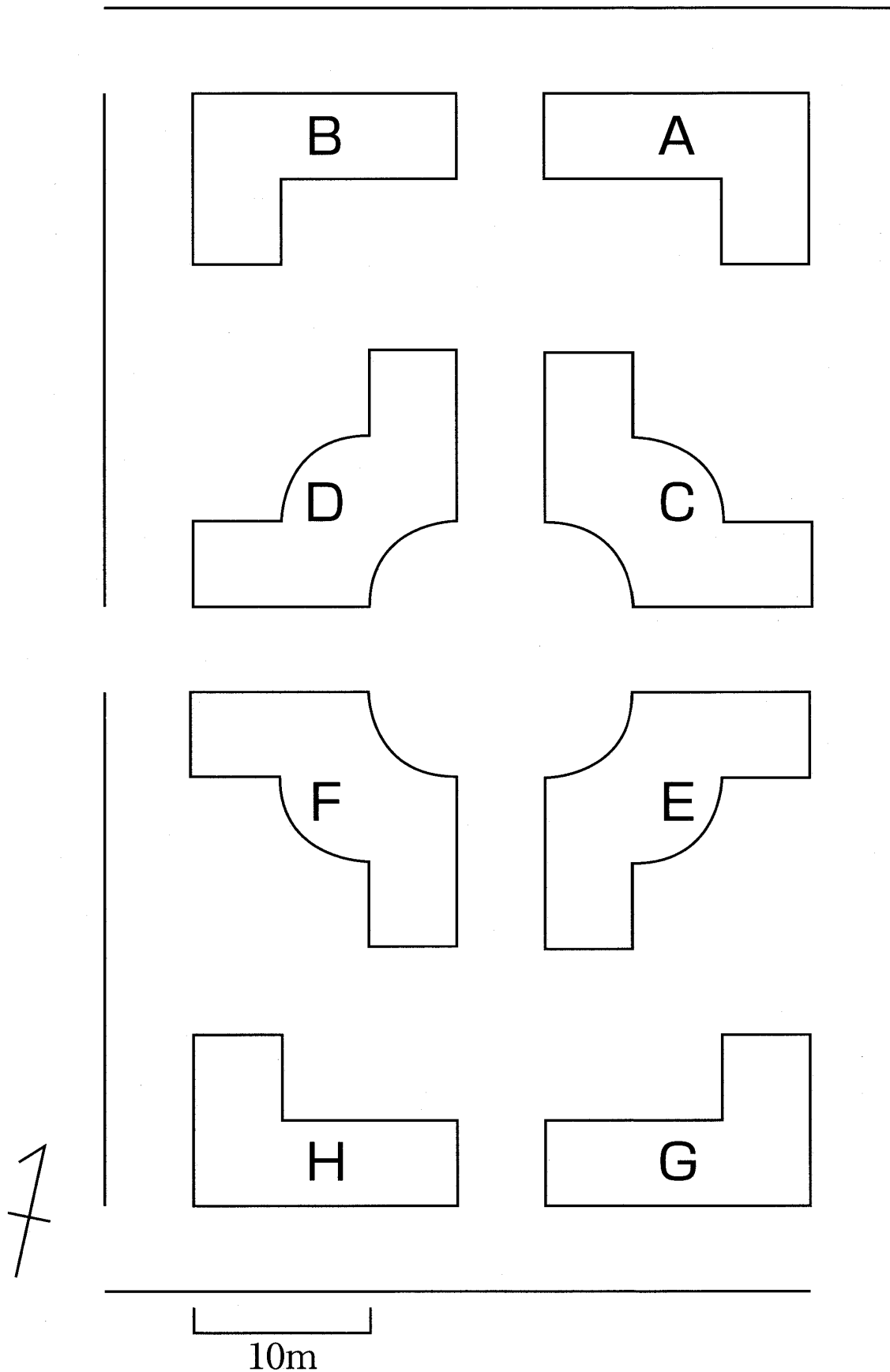


Fig. 8 A map of the Mixed Beds A - H in the Summer Garden at Wisley in 1993

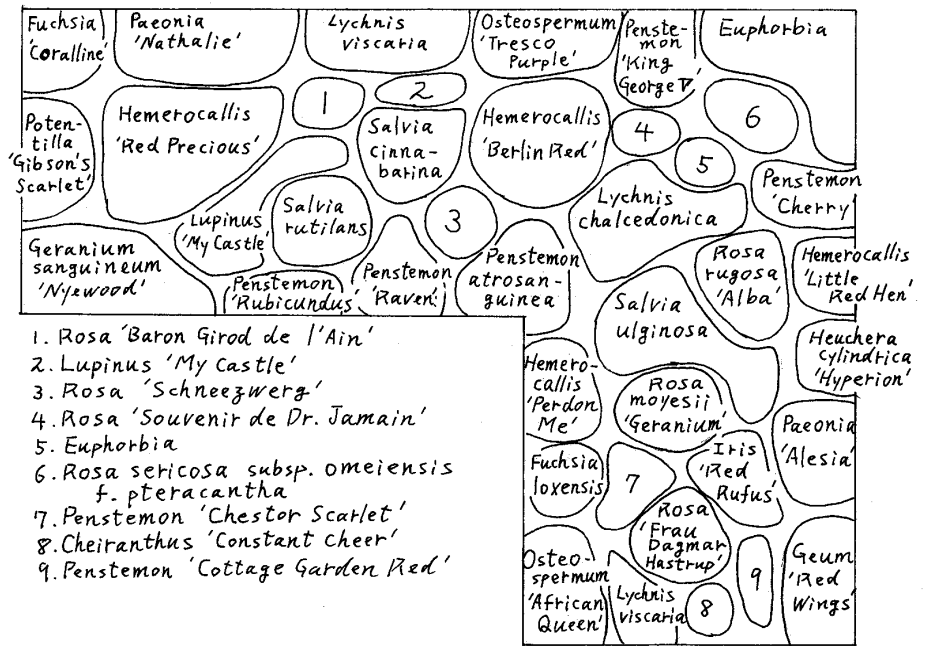


Fig. 9 The Mixed Bed A



Fig. 10 The Mixed Bed B

Fig. 11 The Mixed Bed C



Fig. 12 The Mixed Bed D

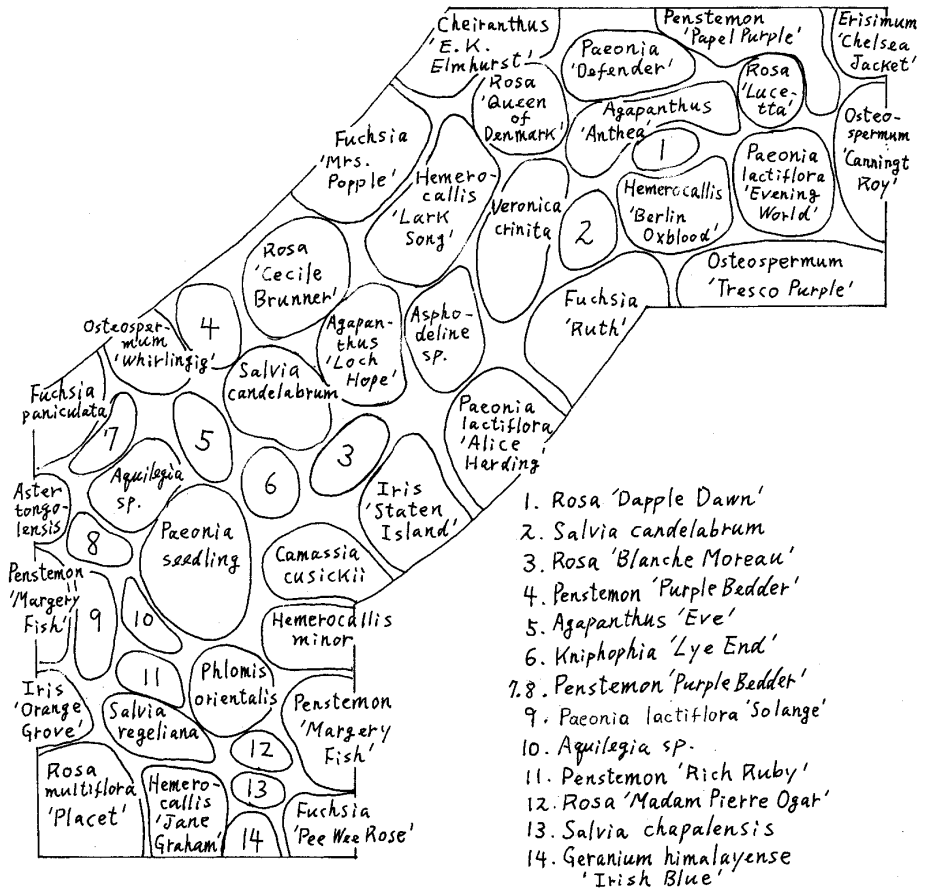


Fig. 13 The Mixed Bed E



Fig. 14 The Mixed Bed F

Fig. 15 The Mixed Bed G

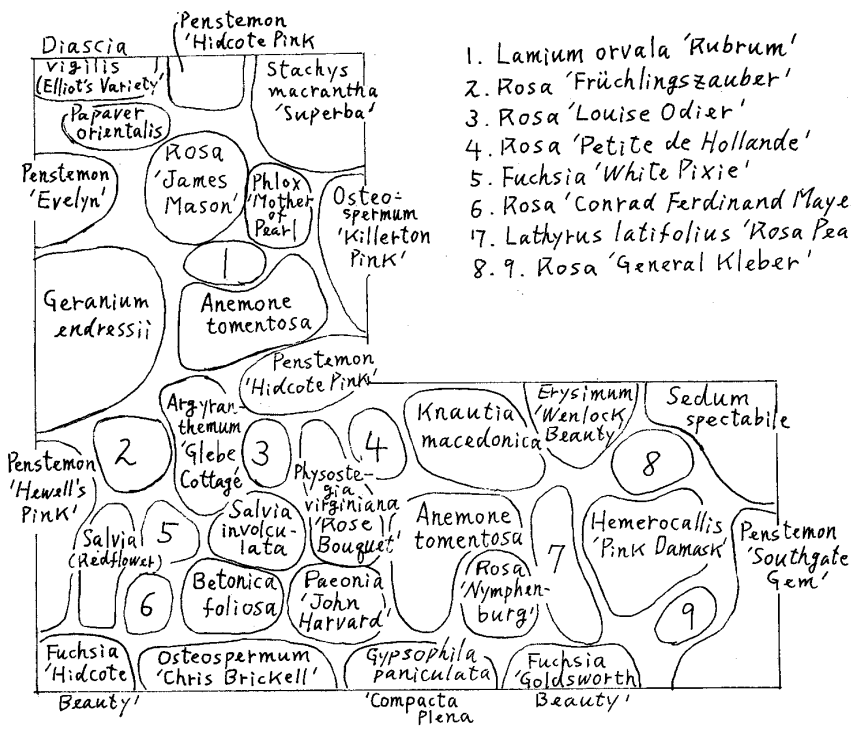


Fig. 16 The Mixed Bed H

Table 2 Plant materials for the Mixed Beds in the Summer Garden at Wisley in 1993.

<i>Achillea</i> 'Moonshine' G※	<i>Erysimum</i> 'Rufus' F
<i>Aconitum carmichaelii</i> 'Arendsii' B	<i>Erysimum</i> species D, G
<i>Aconitum neapolitanum</i> 'Newry Blue' B	<i>Erysimum</i> 'Wenlock Beauty' H
<i>Agapanthus</i> 'Anthes' E	<i>Euphorbia</i> A
<i>Agapanthus</i> 'Ben Hope' F	<i>Euphorbia polychroma</i> G
<i>Agapanthus</i> 'Buckingham Palace' C	<i>Euryops</i> D
<i>Agapanthus</i> 'Eve' E	<i>Euryops pectinatus</i> G
<i>Agapanthus</i> 'Loch Hope' E	<i>Fuchsia</i> 'Chillerton Beauty' D
<i>Agapanthus</i> 'Mabel Grey' F	<i>Fuchsia</i> 'Cliff's Hardy' F
<i>Agapanthus</i> 'Midnight Blue' B	<i>Fuchsia</i> 'Corallina' A
<i>Agapanthus</i> 'Sandringham' D	<i>Fuchsia cordifolia</i> F
<i>Agapanthus</i> sp. D	<i>Fuchsia</i> 'Goldsworth Beauty' H
<i>Agapanthus</i> (unnamed) B	<i>Fuchsia</i> 'Hawkshead' C
<i>Agapanthus</i> 'Victoria' C	<i>Fuchsia</i> 'Hidcote Beauty' H
<i>Amsonia tabernaemontana</i> C	<i>Fuchsia loxensis</i> A
<i>Anemone tomentosa</i> H	<i>Fuchsia magellanica</i> var. <i>molinae</i> G
<i>Anisodonteia capensis</i> C	<i>Fuchsia</i> 'Pink Lace' F
<i>Aquilegia</i> 'Blackmore Langdon's Hybrid' C	<i>Fuchsia magellanica</i> var. <i>gracilis</i> 'Variegata' G
<i>Aquilegia</i> sp. E	<i>Fuchsia</i> 'Mrs Popple' B, F
<i>Argyranthemum</i> 'Pink Australian' C	<i>Fuchsia paniculata</i> E
<i>Argyranthemum</i> 'Glede Cottage' H	<i>Fuchsia</i> 'Pee Wee Rose' E
<i>Argyranthemum</i> 'Mary Wootton' F	<i>Fuchsia</i> 'Purple Splendour' B
<i>Artemisia canescens</i> C	<i>Fuchsia</i> 'Riccartonii' F
<i>Asphodeline</i> sp. E	<i>Fuchsia</i> 'Rufus' C
<i>Aster tongolensis</i> E	<i>Fuchsia</i> 'Ruth' D, E
<i>Astrantia major</i> 'Sunningdale Variegated' G	<i>Fuchsia</i> 'Santa Cruz' C
<i>Baptisia australis</i> B	<i>Fuchsia</i> 'Sealand Prince' D
<i>Betonica</i> (<i>Stachys</i>) <i>abschesica</i> B	<i>Fuchsia</i> 'Sharpitor' C
<i>Betonica</i> (<i>Stachys</i>) <i>foliosa</i> H	<i>Fuchsia splendens</i> C
<i>Calceolaria</i> F	<i>Fuchsia</i> 'Susan Travis' D
<i>Camassia cusickii</i> E	<i>Fuchsia</i> 'White Pixie' H
<i>Campanula lactiflora</i> B	<i>Galtonia</i> C
<i>Campanula rapunculoides</i> F	<i>Galtonia viridiflora</i> G
<i>Cephalaria gigantea</i> G	<i>Geranium endressii</i> H
<i>Cheiranthus</i> 'Baden Powell' F	<i>Geranium himalayense</i> B
<i>Cheiranthus</i> 'Constant Cheer' A	<i>Geranium himalayense</i> 'Irish Blue' E
<i>Cheiranthus</i> 'E.K.Elmhurst' E	<i>Geranium platypetalum</i> B
<i>Cheiranthus</i> 'John Codrington' C	<i>Geranium sanguineum</i> 'Nyewood' A
<i>Delphinium belladonna</i> 'Lamartine' B	<i>Geranium sylvaticum</i> 'Album' G
<i>Diascia vigilis</i> (Elliot's Variety) H	<i>Geum</i> C
<i>Erysimum</i> 'Bowles' Mauve' B	<i>Geum</i> 'Borisii' F
<i>Erysimum</i> 'Bredon' G	<i>Geum magellanicum</i> C
<i>Erysimum</i> 'Butterscotch' G	<i>Geum</i> 'Red Wings' A
<i>Erysimum</i> 'Chelsea gacket' E	<i>Gypsophila paniculata</i> 'Compacta Plena' H
<i>Erysimum</i> 'Moonlight' G	<i>Helenium hoopesii</i> G

Helianthemum 'Ben Fhada' G	Iris 'Roulette' B
Helichrysum angustifolium D	Iris 'Royal Oak' F
Helichrysum argyrophyllum D	Iris 'San Leandro' F
Helichrysum 'Mo's Gold' G	Iris 'Snow Tracery' G
Heliotropium 'Princess Marina' B	Iris 'Staten Island' E
Hemerocallis 'Amersham' C	Iris 'Tarn Hows' D
Hemerocallis aurantiaca F	Knautia macedonica C, H
Hemerocallis 'Berlin Oxblood' E	Kniphophia 'Lye End' E
Hemerocallis 'Berlin Red' A	Lamium orvala 'Rubrum' H
Hemerocallis 'Bibury' C	Lantana sellowiana F
Hemerocallis 'Bright Spangles' F	Lathyrus latifolius 'Rosa Perle' H
Hemerocallis 'Cartwheels' D	Lavatera C
Hemerocallis 'Corky' D	Limonium platyphyllum 'Violetta' B
Hemerocallis 'Crescent Moon' G	Lupinus 'My Castle' A
Hemerocallis 'Jane Graham' E	Lychnis chalcedonica A
Hemerocallis 'Jenny Wren' D	Lychnis viscaria A
Hemerocallis 'Lark Song' E	Lysimachia nummularia G
Hemerocallis 'Little Grapette' B	Malva sylvestris 'Primley Blue' B
Hemerocallis 'Little Red Hen' A	Moltkia doerfleri B
Hemerocallis 'Michele Coe' D	Nepeta x faassenii B
Hemerocallis minor E	Oenothera tetragona F
Hemerocallis 'Neyron Rose' F	Osteospermum C
Hemerocallis 'Pardon Me' A	Osteospermum 'African Queen' A
Hemerocallis 'Pink Damask' H	Osteospermum 'Buttermilk' D, G
Hemerocallis 'Red Precious' A	Osteospermum 'Cannington Roy' E
Hemerocallis 'Wally Nance' D	Osteospermum 'Chris Brickell' C, H
Hemerocallis 'White Coral' G	Osteospermum 'Cream Cap' D
Heuchera cylindrica 'Hyperion' A	Osteospermum 'Giant' D
Hypericum olympicum G	Osteospermum 'Hopleys' F
Inula D	Osteospermum 'Killerton Pink' H
Iris 'Blue Eyed Brunette' B	Osteospermum 'Nairobi Purple' F
Iris 'Brannigan' B	Osteospermum 'Pink Whirls' C
Iris 'Buttercup Bower' C	Osteospermum (Seeding No1) B
Iris 'Dancers Veil' F	Osteospermum 'Silver Sparkler' D
Iris 'Golden Forest' C	Osteospermum 'Tresco Purple' A, E
Iris 'Jane Phillips' F	Osteospermum 'Weetwood' D
Iris 'Liquorice Stick' D	Osteospermum 'Whirlygig' E
Iris 'Mary Taylor' D	Paeonia 'Alesia' A
Iris missouriensis F	Paeonia 'China Rose' F
Iris 'Olympic Torch' F	Paeonia 'Defender' E
Iris 'Orange Grove' E	Paeonia 'Ellen Cowley' G
Iris pallida 'Argentea Variegata' B	Paeonia 'John Harvard' H
Iris pallida var.dalmatica D	Paeonia lactiflora 'Alice Harding' E
Iris 'Partridge' F	Paeonia lactiflora 'Bowl of Beauty' D
Iris 'Red Rufus' A	Paeonia lactiflora 'Emperor of India' C

- Paeonia lactiflora* 'Evening World' E
Paeonia lactiflora 'Gleam of Light' D
Paeonia lactiflora 'Sarah Bernhardt' F
Paeonia lactiflora 'Solange' E
Paeonia lactiflora 'White Wings' F
Paeonia 'Lovely Rose' C
Paeonia 'Nathalie' A
Paeonia peregrina F
Paeonia 'Postilion' C
Paeonia 'Red Dandy' C
Paeonia 'Red Ensign' B
Paeonia 'Red Monarch' D
Paeonia 'Requiem' B
Paeonia seedling E
Paeonia 'Snow Cloud' D
Paeonia suffruticosa 'Joseph Rock' G
Papaver orientalis H
Penstemon 'Beech Park' C
Penstemon 'Blackbird' F
Penstemon 'Burford White' D
Penstemon 'Cherry' A
Penstemon 'Chester Scarlet' A
Penstemon 'Cottage Garden Red' A
Penstemon 'Countess of Dalkeith' E, G
Penstemon 'Drinkwater Red' F
Penstemon 'Evelyn' H
Penstemon hartwegii 'Albus' D
Penstemon 'Hewell's Pink' H
Penstemon 'Hidcote Pink' H
Penstemon 'Hidcote Purple' B
Penstemon 'Hopleys Variegated' G
Penstemon 'King George V' A, F
Penstemon 'Logan Dark Pink' C
Penstemon 'Margery Fish' E
Penstemon 'Mother of Pearl' D
Penstemon 'Papal Purple' E
Penstemon 'Pink Stripe' C
Penstemon 'Purple Bedder' E
Penstemon 'Raven' A
Penstemon 'Red Emperor' F
Penstemon 'Rich Purple' B
Penstemon 'Rich Ruby' E
Penstemon 'Southgate Gem' H
Penstemon 'Rubicundus' A
Penstemon 'Ruby' F
Penstemon 'Russian River' B
Penstemon 'Stapleford Gem' C
Penstemon 'Sutton's Pink Bedder' C
Penstemon tall pink unnamed C
Penstemon venustus hybrids B
Penstemon 'White Bedder' G
Penstemon 'Whitethroat' D
Perovskia 'Blue Spire' B
Perovskia scrophulariifolia C
Phlomis orientalis E
Phlomis russeliana G
Phlox paniculata 'Mother of Pearl' H
Phlox paniculata 'Snow Hare' G
Phygelius aequalis 'Yellow Trumpet' G
Phygelius × *rectus* 'Moonraker' D
Physostegia virginiana subsp. *speciosa* 'Bouquet
Rose' H
Potentilla argrophylla D
Potentilla atrosanguinea A, F
Potentilla 'Gibson's Scarlet' A
Potentilla 'Gold Clogs' G
Potentilla sp. G
Potentilla 'Willam Rollison' C
Potentilla 'Yellow Queen' G
Rosa 'Baron Girod de l'Ain' A
Rosa 'Baroness Rothschild' C
Rosa 'Blanche Moreau' E
Rosa 'Callisto' G
Rosa 'Cardinal de Richelieu' B
Rosa 'Cécile Brünner' E
Rosa chinensis 'Viridiflora' D
Rosa 'Conrad Ferdinand Meyer' H
Rosa 'Dapple Dawn' E
Rosa 'Fardy' C
Rosa 'Ferdinand Pichard' C
Rosa foetida 'Bicolor' F
Rosa 'Fountain' F
Rosa 'Frau Dagmar Hastrup' A
Rosa 'Frühlingszauber' H
Rosa gallica 'Versicolor' D
Rosa 'Général Kléber' H
Rosa 'Gloire des Mousseuses' F
Rosa 'Golden Chersonese' G
Rosa 'Great Maiden's Blush' D
Rosa × *harisonii* 'Harison's Yellow' C

Rosa 'James Mason' H	Salvia azurea subsp. pitcheri C
Rosa 'Kassel' F	Salvia candelabrum E
Rosa 'Lady Sonia' G	Salvia chapalensis E
Rosa 'La Reine Victoria' F	Salvia cinnabarina A, B
Rosa 'Lavender Lassie' B	Salvia guaranitica B
Rosa 'Lemon Cecile Brunner' F	Salvia involucrata H
Rosa 'Louise Odier' H	Salvia microphylla C
Rosa 'Lucetta' E	Salvia microphylla var. neurepia C
Rosa 'Mabel Morrison' G	Salvia (Red flower) H
Rosa 'Madame Hardy' D	Salvia regeliana E
Rosa 'Madame Isac Pereire' C	Salvia rutilans A
Rosa 'Madame Pierre Oger' E	Salvia uliginosa A, B
Rosa 'Maigold' G	Salvia urica C
Rosa moyesii 'Geranium' A	Sedum C
Rosa multiflora 'Placet' E	Sedum aizoon D
Rosa 'Nymphenburg' H	Sedum alboroseum 'Mediovariegatum' C
Rosa 'Petite de Hollande' H	Sedum middendorffianum var. diffusum D
Rosa 'Pink Grootendorst' C	Sedum spectabile H
Rosa 'Queen of Denmark' E	Senecio leucostachys G
Rosa rugosa 'Alba' A	Senecio cineraria 'Ramparts' D
Rosa rugosa 'Nyeveldt's White' C	Sisyrinchium striatum D
Rosa 'Schneezwerg' A	Solidago G
Rosa sericea ssp. omeiensis f. pteracantha A	Solidago flexicauli F
Rosa 'Souvenir de Docteur Jamain' A	Stachys byzantina 'Silver Carpet' C
Rosa 'Souvenir de la Malmaison' F	Stachys macrantha 'Superba' H
Rosa 'Stanwell Perpetual' D	Verbena 'White Knight' D
Rosa 'Thisbe' G	Veronica austriaca subsp. teucrium 'Crater Lake Blue' B
Rosa 'Vick's Caprice' F	Veronica crinita E
Rosa 'White Cécile Brünner' F	Veronica longifolia 'Schneeriesen' B
Rosa 'William Lobb' B	Veronicastrum virginicum var. sibiricum C
Rosa 'Will Scarlet' C	
Rosa 'Zigeunerknabe' (= 'Gypsyboy') B	

※A - H indicate the Mixed Beds where the plants are placed.